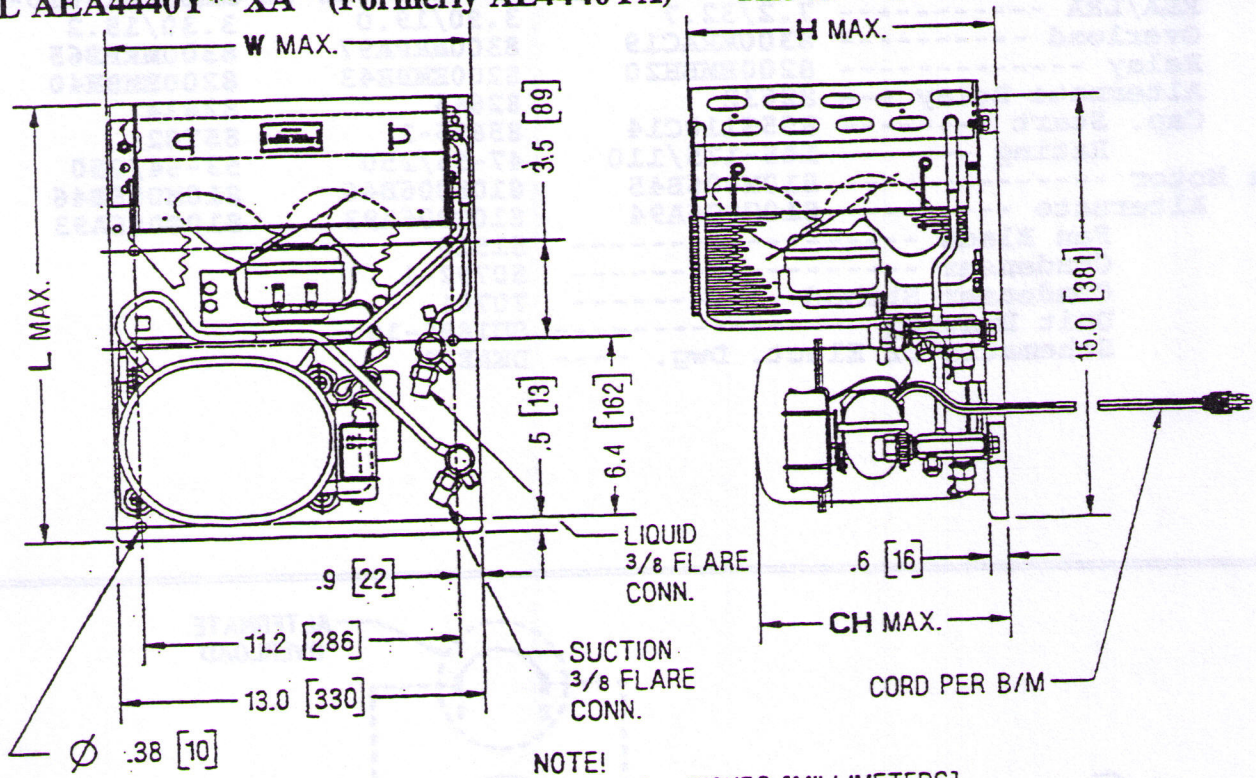
TECUMSEH HERMETIC CONDENSING UNITS

Date: 9-7-95

MODEL AEA4440Y**XA (Formerly AE4440YA) R134a 1/3 HP AIR COOLED



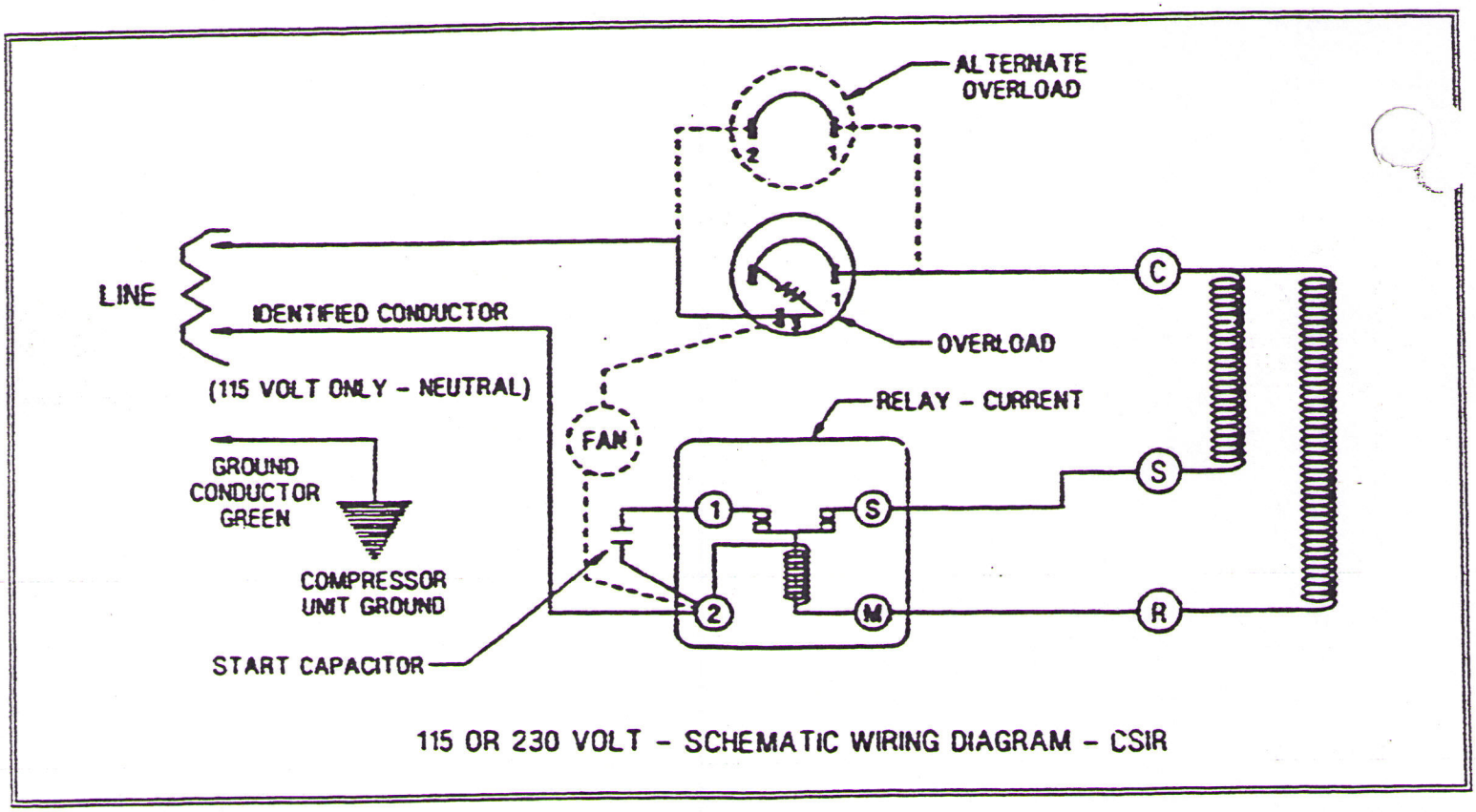
Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA4440Y**XA	15.6	13.0	11.1	9.0	3/8 F	3/8 F	3.2#	220	10	51

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** **60 HZ Performance**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	18.4	2300	480	155	2100	490	175	1920	500	195
25	22.1	2530	515	165	2300	525	185	2120	535	205
30	26.0	2780	550	170	2540	560	190	2320	565	210
35	30.3	3050	585	180	2780	600	200	2550	615	225
40	35.0	3340	625	190	3050	640	210	2780	660	235
45	40.0	3630	665	200	3320	685	220	3040	705	245
50	45.3	3940	710	210	3700	730	230	3300	750	255
55	51.1	4250	750	220	3880	775	240	3570	795	270

65 ° F return gas temp., 5 ° F subcooling

SPECIFICATIONS	AEA4440YXAXA	AEA4440YXDXA	AEA4440YXCXA
Nominal Voltage	115-60-1	230/208-60-1	240/220-50-1
Unit B/M	2C371-1	2D329-1	2D318-1
Voltage Range	126.5 to 103.5	253 to 198	264 to 198
Min. Circuit Ampacity	9.5	5.1	4.4
Max. Fuse Size (Amps)	15	15	15
Compressor Model	AEA4440YXA	AEA4440YXD	AEA4440YXC
Bill of Material	AE630AT-610-P2	AE630ET-610-P2	AE630JT-610-P2
RLA/LRA	7.2/32.7	3.90/19.0	3.30/15.2
Overload	8300MRAC19	8300MRPA97	8300MRPB65
Relay	8200EMBH20	8200EMBE43	8200EMBH40
Alternate Relay	82632	82645	82634
Cap. Start	855S110C14	85695-1	85702
Rating	145-175/110	47-56/250	53-64/250
Fan Motor	810M006B45	810M006B46	810M006B46
Alternate	810G006A94	810G006A93	810G006A93
Fan Blade		51510	
Condenser		50792-1	
Condenser Shroud		70701	
Unit Drawing		SU1896-19	
Schematic or Elect. Dwg.		DEAE-2	



115 OR 230 VOLT - SCHEMATIC WIRING DIAGRAM - CSIR

U.L. Listed -----(60 HZ only)----File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C